

U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No. 21581-US

Serial No. 10/540,406

LIST OF INFORMATION CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Frank Bergmann, et al.

Filing Date: June 24, 2005

Group: 1637

AUG 14 2006

U.S. PATENT DOCUMENTS

		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DT	1	4,683,202	07/28/87	Mullis, et al.	435	91	10/25/85
DT	2	5,130,238	07/14/92	Malek, et al.	435	91	08/23/89
DT	3	5,137,806	08/11/92	LeMaistre, et al	435	6	12/11/89
DT	4	5,210,015	05/11/93	Gelfand, et al	435	6	08/06/90
DT	5	5,234,809	08/10/93	Boom, et al	435	91	07/01/91
DT	6	5,487,972	01/30/96	Gelfand, et al	435	6	01/05/93
DT	7	5,552,277	09/03/96	Nelson, et al	435	6	07/19/94
DT	8	5,595,890	01/21/97	Newton, et al	435	91.2	02/17/95
DT	9	5,639,611	06/17/97	Wallace, et al	435	6	11/09/94
DT	10	5,786,146	07/28/98	Herman, et al	435	6	01/03/96
DT	11	5,804,375	09/08/98	Gelfand, et al	435	6	04/25/95
DT	12	6,174,670 B1	01/16/01	Wittwer, et al	435	6	06/04/97
DT	13	6,331,393 B1	12/18/01	Laird, et al	435	6	05/14/99

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
DT	14	0 200 362 B1	12/10/86	EP			
DT	15	0 201 184 B1	12/17/86	EP			
DT	16	0 389 063 B1	09/26/90	EP			
DT	17	0 439 182 B1	07/31/91	EP			
DT	18	1 394 172 A1	03/03/04	EP			
DT	19	WO 90/01069	02/08/90	PCT			
DT	20	WO 92/008800	01/23/92				
DT	21	WO 92/02638	02/20/92	PCT			
DT	22	WO 96/41811	12/27/96	PCT			
DT	23	WO 99/16781	04/08/99	PCT			
DT	24	WO 99/40098	08/12/99	PCT			
DT	25	WO 00/32762	06/08/00	PCT			

/David Thomas/

09/09/2006

DT	26	WO 00/37291	06/29/00	PCT				
DT	27	WO 01/37291 A1	05/25/01	PCT				
DT	28	WO 01/98528 A2	12/27/01	PCT				
DT	29	WO 02/31186 A2	04/18/02	PCT				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
DT	30	Abramson, R., et al., 1993, "Nucleic acid amplification technologies", <i>Current Opinion in Biotechnology</i> , 4:41-47						
DT	31	Alderton, R., et al., 1992, "Magnetic Bead Purification of M13 DNA Sequencing Templates", <i>Analytical Biochemistry</i> , 201:166-169						
DT	32	Ausubel F., et al., 2001, "Current Protocols In Molecular Biology", <i>John Wiley & Sons, Inc.</i> , Supplement 55-56:1-10						
DT	33	Barany, F., 1991, "The Ligase chain Reaction in a PCR World", <i>PCR Methods and Applications</i> , 5-16						
DT	34	Barany, F., 1991, "Genetic disease detection and DNA amplification using cloned thermostable ligase", <i>Proc. Natl. Acad. Sci. USA</i> , 88:189-193						
DT	35	Benyajati, C., et al., "Alcohol dehydrogenase in Drosophila: isolation and characterization of messenger RNA and cDNA clone", <i>Nucleic Acids Research</i> , 8:5649-5667						
DT	36	Clark, S., et al., 1994, "High sensitivity mapping of methylated cytosines", <i>Nucleic Acids Research</i> , 22(15):2990-2997						
DT	37	Feil, R., et al., 1994, "Methylation analysis on individual chromosomes: improved protocol for bisulphate genomic sequencing", <i>Oxford University Press</i> , 22(4):695-696						
DT	38	Frommer, M., 1992, "A genomic sequencing protocol that yields a positive display of 5-methylcytosine residues in individual DNA strands", <i>Proc. Natl. Acad. Sci. USA</i> , 89:1827-1831						
DT	39	Grigg, G., et al., 1994, "Sequencing 5-Methylcytosine Residues in Genomic DNA", <i>BioEssays</i> , 16(6):431-436						
DT	40	Grigg, G., 1996, "Sequencing 5-methylcytosine residues by the bisulphate method", <i>The Journal of Seq. & Mapping</i> 6:189-198						
DT	41	Grunau, C., et al., 2001, "Bisulfite genomic sequencing: systematic investigation of critical experimental parameters", <i>Nucleic Acids Research</i> , 29 (13e65):1-7						
DT	42	Guatelli, J., et al., 1990, "Isothermal, <i>in vitro</i> amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication", <i>Proc. Natl. Acad. Sci. USA</i> , 87:1874-1878						
DT	43	Hayatsu, H., et al., 1970, "The Addition of Sodium Bisulfite to Uracil and the Cytosine", <i>Journal of the American Chemical Society</i> , 92 (3):724-726						
DT	44	Hayatsu, H., et al., 1970, "Reaction of Sodium Bisulfite with Uracil, Cytosine, and their Derivatives", <i>Biochemistry</i> 9 (14): 2858-2864						
DT	45	Komlyama, M., et al., 1994, "Catalysis of Diethylenetriamine for Bisulfite-Induced Deamination of Cytosine in Oligodeoxyribonucleotides", <i>Tetrahedron Letters</i> , 35(44):8185-8188						
DT	46	Kubareva, E., et al., 2002, "Determination of Methylation Site of DNA-Methyltransferase <i>nlaX</i> by a Hybrid Method", <i>BioTechniques</i> 33:526-531						
DT	47	Kwoh, D., et al., 1989, "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", <i>Proc. Natl. Acad. Sci. USA</i> , 86:1173-1177						

DT	48	Oakeley, E., 1999, "DNA methylation analysis: a review of current methodologies", <i>Pharmacology & Therapeutics</i> , 84:389-400		
DT	49	Olek, A., et al., 1996, " A modified and improved method for bisulphate based cytosine methylation analysis", <i>Nucleic Acids Research</i> , 24(24):5064-5066		
DT	50	Paulin, R., et al., 1998, "Urea improves efficiency of bisulphate-mediated sequencing of 5'-methylcytosine in genomic DNA", <i>Nucleic Acids Research</i> , 26(21):5009-5010		
DT	51	Raizis, A., et al., 1995, "A Bisulfite method of 5-Methylcytosine Mapping That Minimizes Template Degradation", <i>Analytical Biochemistry</i> , 226:161-166		
DT	52	Sabban, E., et al., 1982, "The Effect of Bisulfite-induced C→U Transitions on Aminoacylation of <i>Escherichia coli</i> Glycine tRNA', <i>The Journal of Biological Chemistry</i> , 257 (9) 4796-4805		
DT	53	Slae, S, et al., 1978, "Deamination of Cytidine by Bisulfite: Mechanism at Neutral pH", <i>J Org Chem.</i> , 43 (21):497-4200		
DT	54	Whelen, A., et al., 1996, "The Role of Nucleic Acid Amplification and Detection in the Clinical Microbiology Laboratory", <i>Annu. Rev. Microbid</i> , 50:349-379		
DT	55	Wu, D., et al., 1989, "The Ligation Amplification Reaction (LAR) - Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation		
EXAMINER6		/David Thomas/	DATE CONSIDERED	09/09/2006
*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				